



CONSTRUCTION  
COMPANY

MORE THAN 30 YEARS OF  
EXPERIENCE

# LLC ARGUS LIMITED

CONSTRUCTION COMPANY

WELDING / INSPECTION / PROJECT WELDING

2016

ARGUSLIMITED.GE



Certified for  
ISO 9001:2008



An associate  
member of IPLOCA



## WELDING

## WELDING

Welding expertise involved extensively on offshore and also onshore large diameter automatic & manual pipeline welding



### Argus Limited Personnel Highly Experienced

- ✓ All Major Pipeline Welding Systems
- ✓ Onshore & Offshore Projects
- ✓ Projects completed in global locations: Russia, Uzbekistan, Kazakhstan, Turkmenistan, Southeast Asia, Europe, North & South America, Africa
- ✓ Welding & Materials Engineering
- ✓ Large Diameter Cross Country Pipelines

### Products & Services:

- ✓ Automatic & Manual Pipeline Welding
- ✓ Weld Overlay
- ✓ Weld Procedure Qualification
- ✓ Welding and Materials Engineering
- ✓ Welder Training and Qualifications
- ✓ Special Fabrications
- ✓ Full Managed Service





## Welding Summary



**Argus Limited Welding Team has vast experience of working on major landline projects in challenging locations:**

- In excess of 2000 Km welded to date

Pipeline Diameter	# of Km
Up to 40"	800 +
40" to 48"	220 +
48 to 56"	1000 +





## INSPECTION

## INSPECTION



**A World Leader in Automated Ultrasonic Testing through proprietary technology and best in class service**

**Provides Non-Destructive Evaluation of Infrastructure in the Energy Industry**

- Automated Ultrasonic Testing
- Manual Phased Array Ultrasonic Testing
- Conventional Radiography
- Magnetic Particle, Liquid Penetrant,
- and other conventional technologies





## PROJECT WELDING



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## WELD ONGOING PROJECTS

Execution Schedule	Project / Investor	Customer	Contract details
2014	Krasnoyarsk-Irkutsk oil pipeline / Transneft	Vostoknefteprovod LLC	General contract for construction of two sections of Krasnoyarsk-Irkutsk trunk oil pipeline at the 15,2 km long section of Nizhneudinsk-Tulun pipeline. Pipe diameter:1000 mm.
2014	Standby connector between Tayshet pump station and Tayshet main pump station of ESPO	Vostoknefteprovod LLC	Construction of 2,2 km long standby connector between Tayshet pump station and Tayshet main pump station of ESPO. Pipe diameter: 1000 mm.
2013-2016	Kuyumba-Tayshet trunk oil pipeline / Transneft	PMC ESPO LLC	General contract for construction of 174,3 km long two sections of trunk oil pipeline. Pipe diameter:700 mm.
2013-2015	Gas transmission system to deliver gas from North Caspian gas fields / LUKOIL	LUKOIL-Nizhnevolzhskneft	Construction of a 263.3 km long gas pipeline ("Landfall X Stavrolen LLC"), including all related infrastructure; pipe diameter: 700 mm
2013-2015	Oil and gas transmission system from Yarudeyskoye field / NOVATEK	Yargeo	General contract for construction of a 43.2 km long section of an oil pipeline; pipe diameter: 377 mm (project "Section 107.4X150.6 km of the Yarudeyskoye field X Purpe pump station oil pipeline); construction of a 42 km long section of a gas pipeline; pipe diameter: 420 mm (project "Section 107X149 km of the Yarudeyskoye field X Nadymkaya compressor station gas pipeline); underwater passages over the Kheygiyakha river; all related infrastructure
2012-2015	Bovanenkovo - Ukhta gas pipeline (second stage) / Gazprom	Yamalgazinvest	General contract for construction of sections with a total length of 249 km including underwater crossing Pechora, Big Synya and White rivers, and related infrastructure; pipe diameter: 1420 mm; wall thickness: 22.7-33 mm
2012-2014	NGL main pipeline from the Purovsky Gas Condensate Processing Plant to Tobolsk-Neftekhim / SIBUR	SiburTyumenGaz	General contract for construction of sections with a total length of 260.4 km on the track "South Balykskaya head pumping station - Tobolsk-Neftekhim including underwater crossing Demyanka and Turtas rivers and related infrastructure; pipe diameter: 700 mm

## WELD COMPLETED PROJECTS

Execution Schedule	Project / Investor	Customer	Contract details
2012	GryazovetsXVyborg gas pipeline (second line) / Gazprom	Gazpromstroyinvest	Construction of a 21.8 km section; pipe diameter: 1420 mm
2011-2012	Ukhta-Torzhok gas pipeline / Gazprom	Stroygazconsulting	Full scope of works on a section 185 km in length; pipe diameter: 1420 mm; wall thickness: 21.6-32 mm
2011	SakhalinXKhabarovskXVladivostok gas pipeline / Gazprom	DJSC Spetsgazavtotrans JSC Gazprom	Assembly and welding works on sections with a total length of 6.6 km (gas pipeline to the city of Vladivostok); pipe diameter: 1020 mm; wall thickness: 10.3-12.3 mm
2011	SakhalinXKhabarovskXVladivostok gas pipeline / Gazprom	Stroygazconsulting	Range of works in construction of junction points to compressor stations, construction of valve stations; pipe diameter: 15-1420 mm
2010-2012	ESPO-2 oil pipeline / Transneft	Stroynovatsiya	Assembly and welding works on sections with a total length of 15 km; pipe diameter: 1067 mm; wall thickness: 14 mm
2010-2012	ESPO-2 oil pipeline / Transneft	MRTS	Full scope of works on multiple sections with a total length of 11 km, including the subsea tunnel via Amur River; pipe diameter: 1020 mm; wall thickness: 14 mm
2010-2012	ESPO-2 oil pipeline / Transneft	APMK-23	Assembly and welding works on sections with a total length of 67 km; pipe diameter: 1067 mm; wall thickness: 12 mm
2009-2011	BPS-2 / Transneft	Neftegazstroy, Tatnefteprovodstroy, SMU Truboprovodstroy	Assembly and welding works on sections with a total length of 30 km; pipe diameter: 1020 mm; wall thickness: 11 mm
2009-2010	Bovanenkovo - Ukhta gas pipeline / Gazprom	Centrgaz-truboprovodstroy OJSC, Stroyinvest Komi CJSC	Assembly and welding works on sections with a total length of 7,6 km; pipe diameter X 1420 mm; wall thickness X 27 mm
2009	Middle Asia - Center gas pipeline (Turkmen section) / GK Turkmengaz	OJSC Stroytransgaz	Assembly and welding works on sections with a total length of 19.3 km; pipe diameter: 1420 mm; wall thickness: 15.7 mm
2008	Middle Asia - Center gas pipeline (Uzbek section) / Uzbekneftegaz petrochemical complex	Zeromax GmbH	Assembly and welding works on sections with a total length of 16 km; pipe diameter: 1420 mm; wall thickness: 15.7 mm
2008	Uzbekistan - China gas pipeline / Uzbekneftegaz petrochemical complex	Zeromax GmbH	Assembly and welding works on sections with a total length of 52 km; pipe diameter: 1067 mm; wall thickness: 19 mm
2007-2009	ESPO-1 oil pipeline / Transneft	KSTG-Vostok, OJSC Stroytransgaz, Omskneftegazspetsstroy, etc.	Assembly and welding works on sections with a total length of 34.8 km; pipe diameter: 1220 mm; wall thickness: 19-24 mm



## WELD REPAIR ONGOING PROJECTS

Execution Schedule /	Project / Investor	Customer	Contract details
2014	Repair services for Gazprom transgaz Yugorsk / Gazprom	Gazprom transgaz Yugorsk	Repair services at 137 objects: gas pipelines linear sections; pipeline accessories in the location conditions; process pipelines; 2 objects of well clean up unit reconstruction
2014	Repair services for Gazprom transgaz Tomsk / Gazprom	Gazprom transgaz Tomsk	Repair services at 154 objects: gas pipelines linear sections; telecom; electrochemical protection system; instrumentation and automation equipment; buildings
2014	Repair services for Gazprom transgaz Surgut / Gazprom	Gazprom transgaz Surgut	Repair services at 61 objects: anti-corrosion coatings of high tension lines 10 kW laid along the road route; process pipelines; gas pipelines linear sections
2014	Repair services for Gazprom transgaz Makhachkala / Gazprom	Gazprom transgaz Makhachkala	Repair services at 9 objects: power transmission lines (isolation); equipment; automated technological process control system
2014	Repair services for Gazprom UGS / Gazprom	Gazprom UGS	Repair services at 292 objects: interfiled pipeline; power engineering facilities; cut-controlled valving; auxiliary equipment; process pipeline
2014	Maintenance operations for Gazprom Pererabotka / Gazprom	Gazprom Pererabotka	Maintenance operations at 332 objects: underwater crossing; pipeline passages across auto- and railway roads; main equipment (block valves, gas cleaning units); diagnostic test of process pipelines repair bays; power engineering facilities; ACS GCU equipment (Automatic controlled system of gas compressor unit); nondestructive testing; metallographical and manufacturing machinery test; gantry rail inspection
2014	Repair services for Gazprom Pererabotka / Gazprom	Gazprom Pererabotka	Repair services at 80 objects: gas pipelines linear sections; pump and compressor stations; reservoir, vessels, capacity and heat-transfer equipment
2014	Maintenance operations for Gazprom dobycha Noyabrsk / Gazprom	Gazprom dobycha Noyabrsk	Maintenance operations at 507 objects: power engineering facilities; wells construction (x-mass tree, landing head, wellhead equipment); main equipment and process pipelines; buildings (engineer constructions, crane ways, automotive material); pressure vessels, vessels and reservoirs
2014	Maintenance operations for Gazprom dobycha Orenburg / Gazprom	Gazprom dobycha Orenburg	Maintenance operations at 681 objects: pressure vessels, vessels and reservoirs; main equipment and process pipelines; pump and compressor stations; buildings, engineers constructions; in-line inspection; underwater crossing
2014	Maintenance operations for Gazprom UGS / Gazprom	Gazprom UGS	ACS GCU (Automatic controlled system of gas compressor unit) equipment diagnostic test X 1 object
2014	Repair and maintenance services for Gazprom dobycha Noyabrsk / Gazprom	Gazprom dobycha Noyabrsk	Repair and maintenance services of 124 objects: automatic control system, instrumentation and control and telemechanics equipment; cut-controlled valves; ventilation and conditioning systems of gas field production; measuring facilities
2014	Repair and maintenance services for Gazprom Pererabotka; Gazprom	Gazprom Pererabotka	Repair and maintenance services of 158 objects: pump and compressor stations; measuring equipment, metering stations and testing equipment; valves and drive units; automatic control system, instrumentation and control and telemechanics equipment
2014	Repair and maintenance services for Gazprom transgaz Surgut / Gazprom	Gazprom transgaz Surgut	Repair and maintenance services of 658 objects: gas-compressor unit and compressor department automatic controlled systems; maintenance of telecom equipment; measuring systems
2014	Repair and maintenance services of Gazprom transgaz Yugorsk / Gazprom	Gazprom transgaz Yugorsk	Repair and maintenance services of 50 objects of gas pipelines linear sections





## WELD REPAIR ONGOING PROJECTS

Execution Schedule	Project / Investor	Customer	Contract details
2014	Repair and maintenance services for Gazprom transgaz Makhachkala / Gazprom	Gazprom transgaz Makhachkala	Repair and maintenance services of 44 objects: gas separation station automatic controlled system; telecom; telematics; power generation
2014	Repair and maintenance services for Gazprom UGS / Gazprom	Gazprom UGS	Repair and maintenance services of 475 objects: cut-controlled valving; electrochemical protection, instrumentation and automation equipment; power generation; processing stations and transfer systems
2014	Repair and maintenance services for Gazprom transgaz Tomsk / Gazprom	Gazprom transgaz Tomsk	Repair and maintenance services of 265 objects: telecom, ventilation and conditioning systems, boiler equipment, sewerage equipment
2013-2014	Major overhaul and technical maintenance for Gazprom transgaz Surgut / Gazprom	Gazprom Centrremont	Complete replacement of pipes at the 40.8 km long section of Urengoy-Chelyabinsk trunk gas pipeline (second line, Tyumen Region); pipe diameter: 1420 mm
2013	Major overhaul and technical maintenance for Gazprom transgaz Tomsk / Gazprom	Gazprom Centrremont	Technical maintenance and major overhaul of 408 facilities in 13 Russian regions, including complete replacement of gas pipelines (total length X 91 km); repairs and technical maintenance of automatic control systems and measuring equipment, heat and water supply systems; repairs of GDS, anti-corrosion coatings and buildings
2013	Major overhaul and technical maintenance for Gazprom transgaz Yugorsk / Gazprom	Gazprom Centrremont	Major overhaul and maintenance of 375 facilities, including complete overhaul of gas pipelines linear sections (total length X 375 km); maintenance of the equipment employed for the linear sections; major overhaul of pipeline service facilities, compressor station technological pipelines, GDS and anti-corrosion coatings; replacement of insulation of ground-to-air connections; repairs and technical maintenance of pipeline electrochemical protection systems, as well as GDS
2013	Major overhaul and technical maintenance for Gazprom transgaz Ukhta / Gazprom	Gazprom Centrremont	Maintenance and major overhaul of 111 facilities in 5 Russian regions, including complete overhaul of compressor station technological pipelines; complete overhaul and maintenance of the GDS
2013	Major overhaul and technical maintenance for Gazprom transgaz Nizhny Novgorod / Gazprom	Gazprom Centrremont	Major overhaul and maintenance of 628 facilities in 8 Russian regions, including pipelines, compressor station technological pipelines, GDS; repairs and maintenance of automatic control and measuring systems, as well as GDS



## 46"-56" PROJECT EXPERIENCE

Execution Schedule	Project	Customer	Contract Details
2011-2013	NEL Pipeline	Eon Ruhrgas	Location: Germany. Contractor: Nacap and PPS. Pipeline Length: 120. Number of Welds: 9918. Diameter Size: 56
2003	NGC Cross Island Pipeline Project (CIPP)	NGC	Location: Trinidad. Contractor: Bechtel. Pipeline Length: 77. Number of Welds: 6364. Diameter Size: 56
2011	Aramco Uthmaniya	Saudi Aramco	Location: Saudi Arabia. Contractor: RHM. Pipeline Length: 70. Number of Welds: 5785. Diameter Size: 56
2008 - 2009	Vijaipur to Dadri Pipeline	GAIL	Location: India. Contractor: Kalpataru. Pipeline Length: 500. Number of Welds: 41322. Diameter Size: 48
2008	East West Pipeline Project	Reliance	Location: India. Contractor: Punj Lloyd. Pipeline Length: 290. Number of Welds: 23967. Diameter Size: 48
2006	Milford Haven to Aberdulais	National Grid Transco	Location: UK. Contractor: Nacap. Pipeline Length: 208. Number of Welds: 17190. Diameter Size: 48
2006	East West Pipeline Project	Reliance	Location: India. Contractor: StroyTransGaz (STG). Pipeline Length: 98. Number of Welds: 8099. Diameter Size: 48
2012	Timberwolf	TransCanada Pipelines	Location: Canada. Contractor: Williams. Pipeline Length: 50. Number of Welds: 4133. Diameter Size: 48
2006 - 2007	Trafalgar	Union Gas	Location: Canada. Contractor: Louisbourg. Pipeline Length: 36. Number of Welds: 2976. Diameter Size: 48
2013	Chinchaga Lateral Loop	TransCanada Pipelines	Location: Canada. Contractor: NACG. Pipeline Length: 33. Number of Welds: 2728. Diameter Size: 48
2012	Tanghe Creek Pipelines	TransCanada Pipelines	Location: Canada. Contractor: NACG. Pipeline Length: 32. Number of Welds: 2645. Diameter Size: 48
2011	Aramco Pipeline Rehabilitation Phase V Project	Saudi Aramco	Location: Saudi Arabia. Contractor: CAT. Pipeline Length: 67. Number of Welds: 5538. Diameter Size: 46



## 42" PROJECT EXPERIENCE

Execution Schedule	Project	Customer	Contract Details
2012	QCLNG Pipeline Project	QCLNG	Location: Australia. Contractor:McConnell Dowel JV. Pipeline Length: 540. Number of Welds: 44627. Diamater Size: 42
2013	QCLNG Export Pipelines	QCLNG	Location: Australia. Contractor:McConnell Dowell. Pipeline Length: 120. Number of Welds: 9918. Diamater Size: 42
2012	APLNG Pipeline Project	APLNG	Location: Australia. Contractor:McConnell Dowel JV. Pipeline Length: 530. Number of Welds: 43801. Diamater Size: 42
2007	Rex West Spread 3	Kinder Morgan	Location: USA. Contractor:H.C. Price. Pipeline Length: 483. Number of Welds: 39900. Diamater Size: 42
2007	Rex West Spread 6, 7	Kinder Morgan	Location: USA. Contractor:Welded. Pipeline Length: 483. Number of Welds: 39900. Diamater Size: 42
2008 - 2009	Rex East Spread A-1 & A-2	Kinder Morgan	Location: USA. Contractor:Welded. Pipeline Length: 225. Number of Welds: 18620. Diamater Size: 42
2008 - 2009	Rex East Spread A-1 & A-2	Kinder Morgan	Location: USA. Contractor:Welded. Pipeline Length: 225. Number of Welds: 18620. Diamater Size: 42
2008 - 2009	Rex East Spread C & F-1	Kinder Morgan	Location: USA. Contractor:HC Price. Pipeline Length: 113. Number of Welds: 9310. Diamater Size: 42
2009	Rex East Spread I	Kinder Morgan	Location: USA. Contractor:Henkels & McKoy. Pipeline Length: 48. Number of Welds: 3937. Diamater Size: 42
2007	SESH Project	SET / CEGT	Location: USA. Contractor:WillBros. Pipeline Length: 483. Number of Welds: 39900. Diamater Size: 42
2009	Texas Independence Pipeline	Energy Transfer	Location: USA. Contractor:Willbros. Pipeline Length: 230. Number of Welds: 19019. Diamater Size: 42
2008	Southern Access Stage 2, Spread 1	Enbridge	Location: USA. Contractor:Michaels. Pipeline Length: 84. Number of Welds: 6916. Diamater Size: 42
2012	OGE Megal Pipeline	Open Grid Europe	Location: Germany. Contractor:PPS. Pipeline Length: 72. Number of Welds: 5951. Diamater Size: 42





## 42" PROJECT EXPERIENCE

Execution Schedule	Project	Customer	Contract Details
2011	Manifa Offshore project	Saudi Aramco	Location: Saudi Arabia. Contractor:Valentine Maritime. Pipeline Length: 70. Number of Welds: 5785. Diamater Size: 42
2010	Manifa Offshore Crude and Water Injection Pipelines	Saudi Aramco	Location: Saudi Arabia. Contractor:Valentine Maritime. Pipeline Length: 69. Number of Welds: 5703. Diamater Size: 42
2013	New Jersey-New York Expansion	Spectra	Location: USA. Contractor:Spectra Energy. Pipeline Length: 34. Number of Welds: 2793. Diamater Size: 42
2007	Sabine Pass	Cheniere	Location: USA. Contractor:Willbros-RPI. Pipeline Length: 29. Number of Welds: 2394. Diamater Size: 42
2006	North Bay Short Cut-Stitsville	TransCanada Pipelines	Location: Canada. Contractor:Louisbourg. Pipeline Length: 20. Number of Welds: 1653. Diamater Size: 42
2006	North Bay Short Cut-Deux Rivières	TransCanada Pipelines	Location: Canada. Contractor:Louisbourg. Pipeline Length: 19. Number of Welds: 1571. Diamater Size: 42
2012	Parkway Loop Pipeline	TransCanada Pipelines	Location: Canada. Contractor:NACG. Pipeline Length: 13. Number of Welds: 1075. Diamater Size: 42

